



Synology DiskStation DS412 RAM Replacement

Replace the RAM in your Synology DiskStation DS412.

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INTRODUCTION

Use this guide to replace the RAM.



TOOLS:

- [Phillips #2 Screwdriver](#) (1)
 - [Heavy-Duty Spudger](#) (1)
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Step 1 — DS412+



- DS412+
- Open the front pannel

Step 2



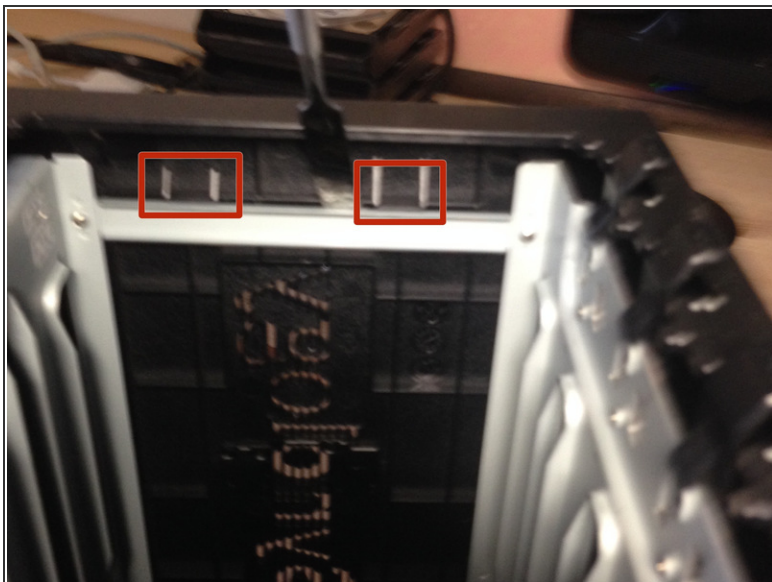
- Remove the hard disks

Step 3



- Remove those 2 screws

Step 4



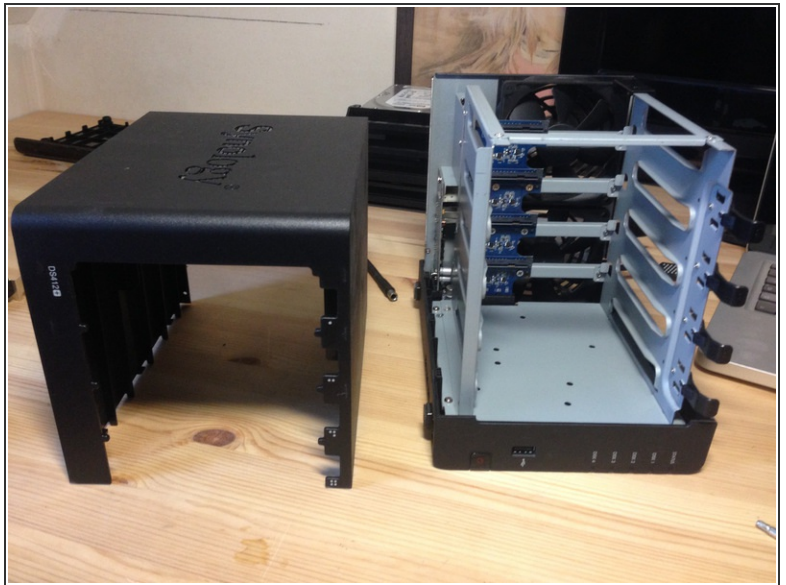
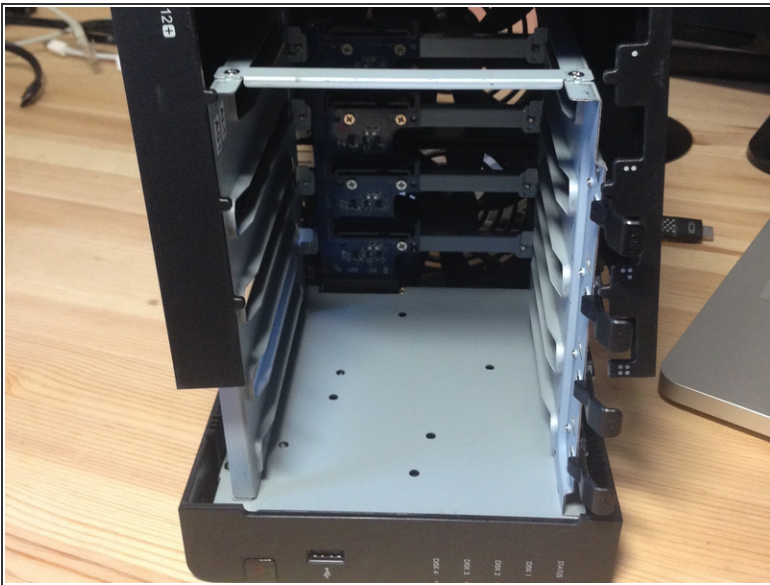
- Locate those 2 tabs
- Lift them up off the metal brace

Step 5



- Push the case away
- It should look like this

Step 6



- Lift the case up
- Remove the case

Step 7



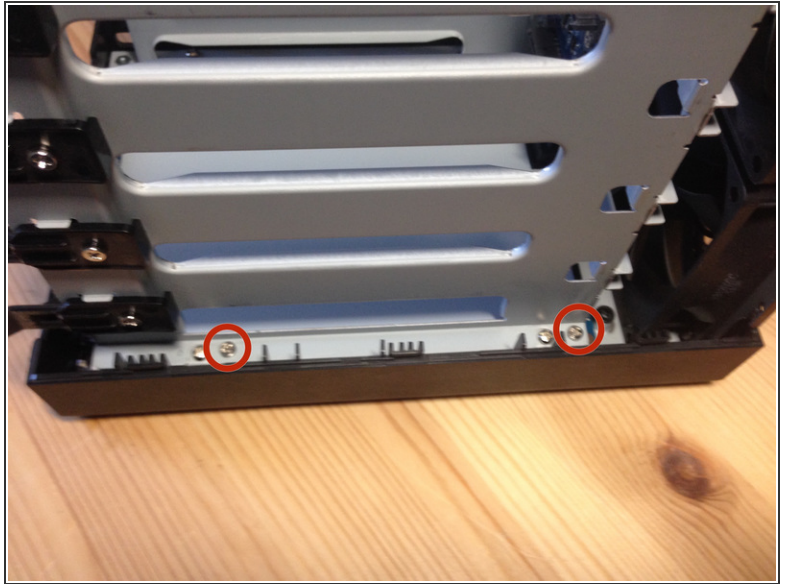
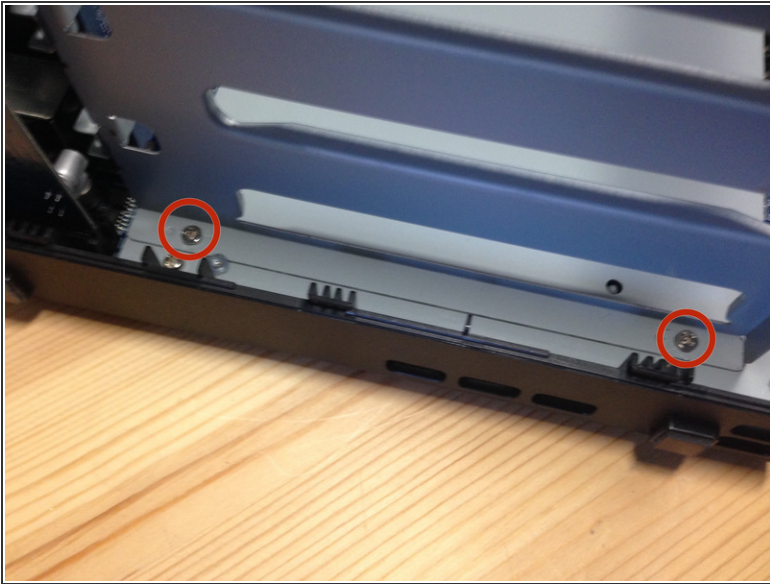
- Remove this screw

Step 8



- Remove this screw

Step 9



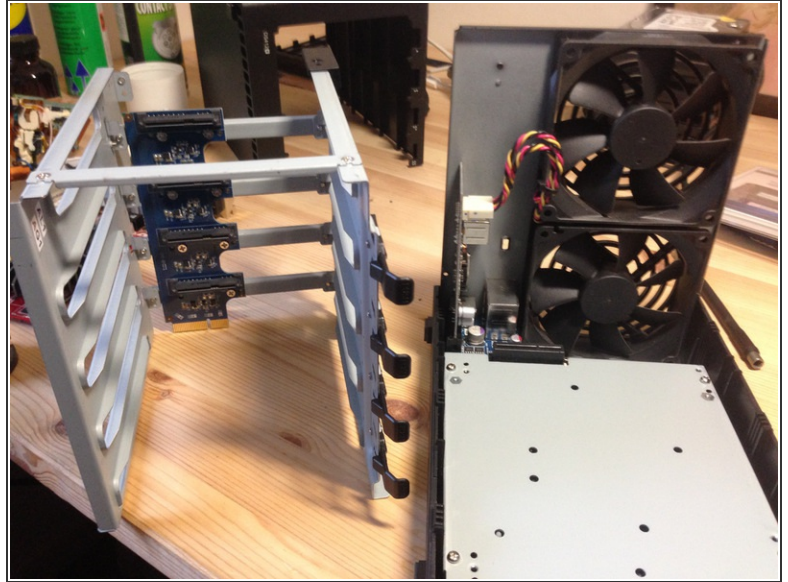
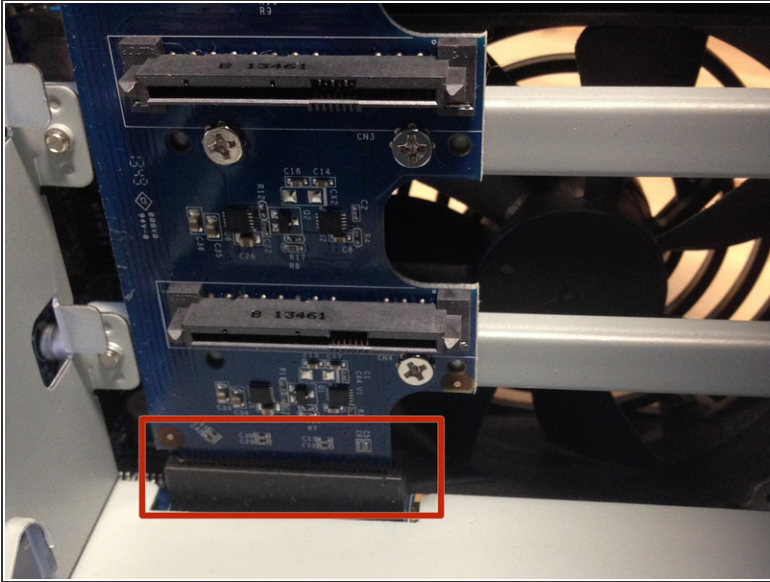
- Remove those 4 screws

Step 10



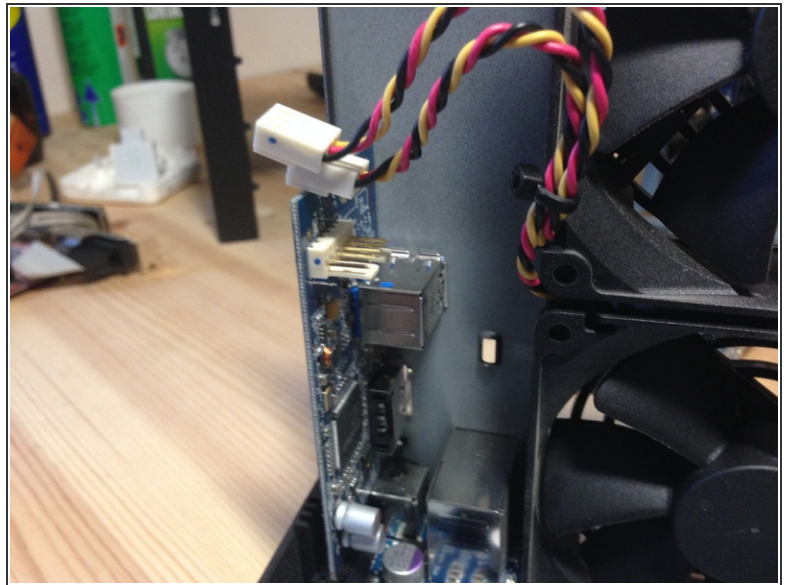
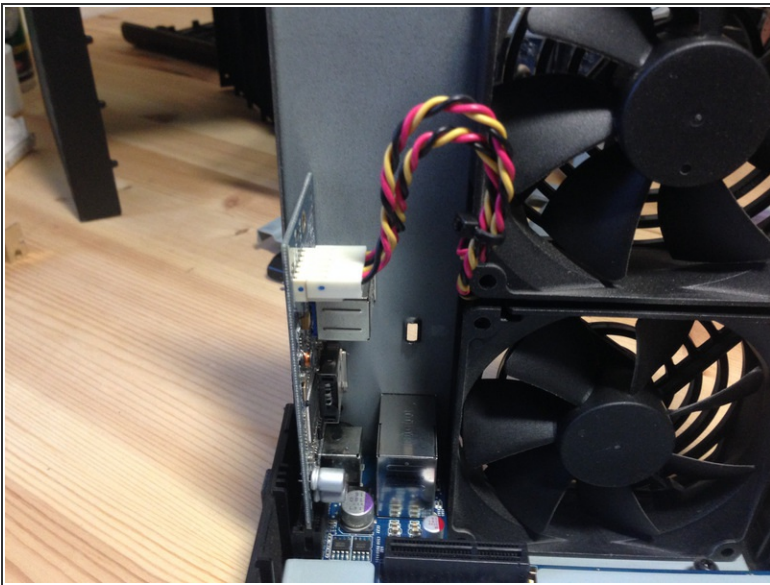
- Pull the fan a little bit away

Step 11



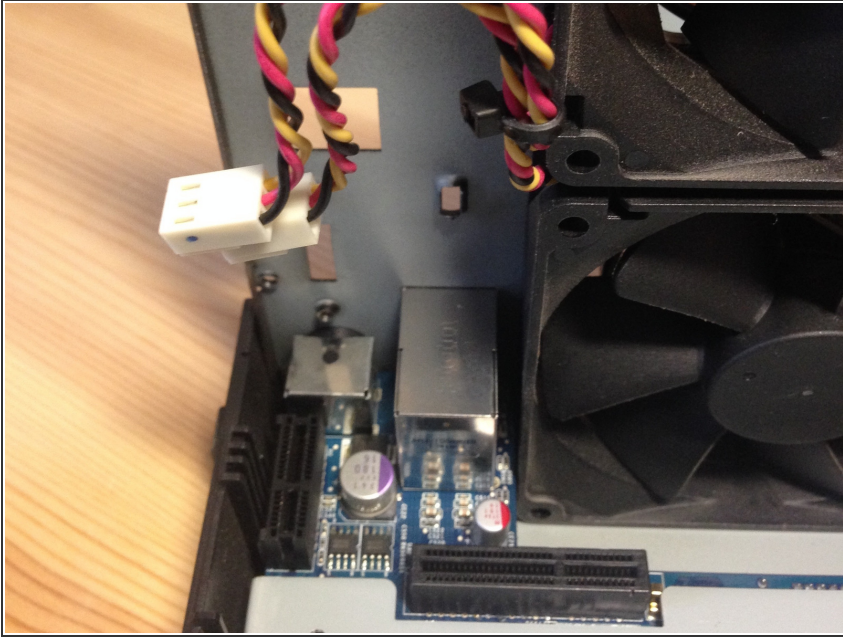
- Watch out for this plug
- Lift the metal bracket out

Step 12



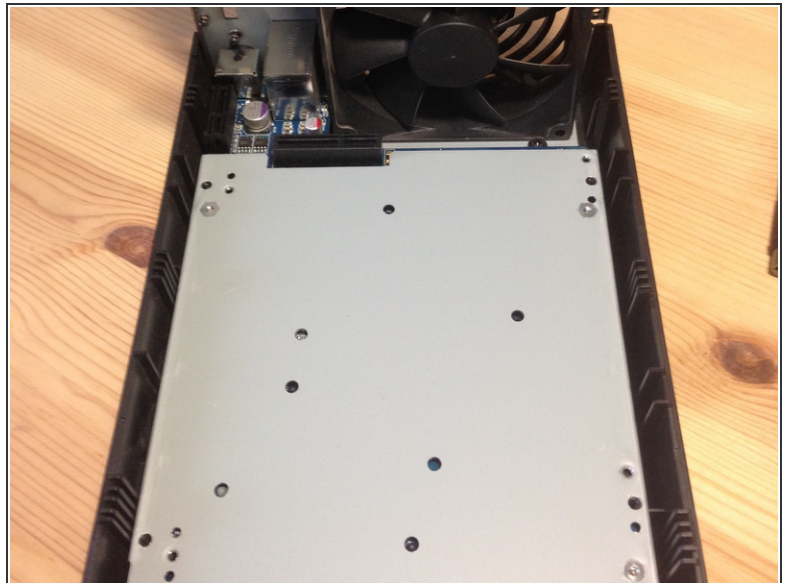
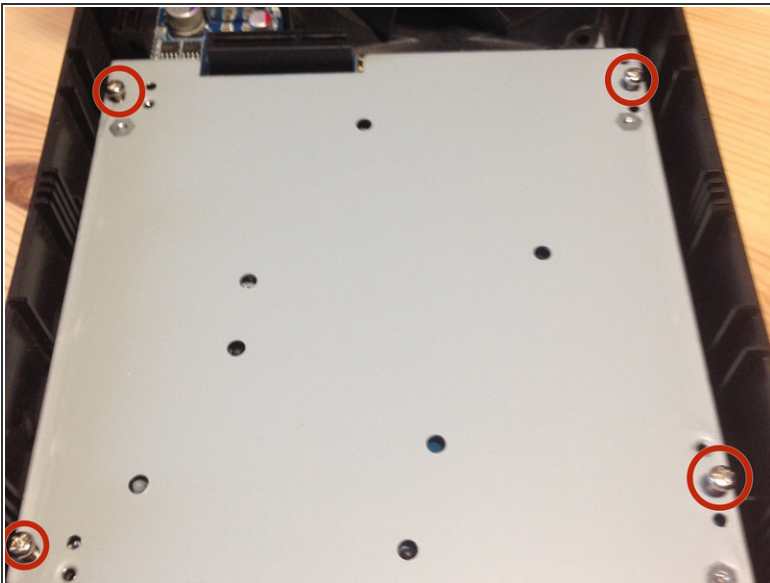
- Remove the fan power cords

Step 13



- Remove the circuit board

Step 14



- Remove those 4 screws

Step 15



- Lift out the circuit board

Step 16



- Pull these tabs and remove the ram
- Old and new Ram
- To reassemble your device, follow these instructions in reverse order.

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